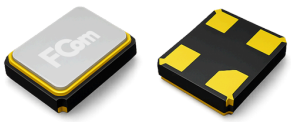
FCom Quartz Crystal Resonator

Series FCX-2M

SMD Crystal Resonator 2.5x2.0 mm



Feature

- Industry Standard Package: 2.5*2.0*0.55mm
- Extremely good for reducing EMI effect
- High precision and high reliability
- RoHS and REACH Compliant , Pb-free

Application

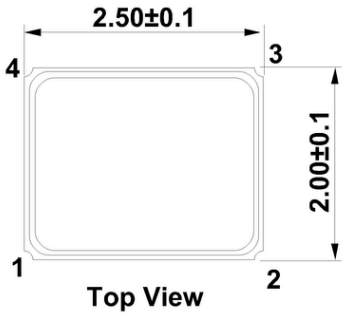
- Wireless Communication
- CPE , Router , Ethernet Switch , Gateway , Set-Top Box
- Notebook , Tablet , Server , Cloud
- Industry

ELECTRICAL SPECIFICATIONS

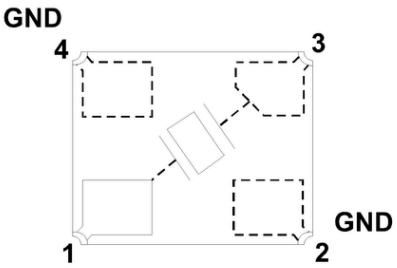
Parameters	Symbol	Min.	Typ.	Max.	Units	Notes	
Nominal Frequency	F	12 ~ 66			MHz		Test condition Ambient temperature: 25 ± 5°C Relative humidity: 40% ~ 70%
Frequency Tolerance	FT	± 5			ppm	@25°C±3°C	
Frequency Stability Over Operating Temp. Range (Reference 25°C)	ST	± 20			ppm	@-40~95°C	
		± 30			ppm	@-40~105°C	
		± 80			ppm	@-40~125°C	
Operating Temperature	Topr	-40	25	125	°C		
Load Capacitance	CL	6 , 10, 18 or specify			pF		
Drive Level	DL	-	10	300	uW		
Equivalent Series Resistance	ESR	-	-	180	Ohm	12~16MHz	
		-	-	100		16~20MHz	
		-	-	60		20~66MHz	
Aging	-	± 3			ppm	1st Year	

Note : The table shows common spec. if you have special spec. requirement , please feel free to contact our salesperson.

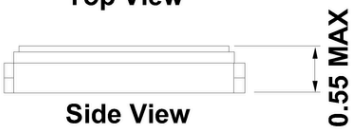
DIMENSION(mm)



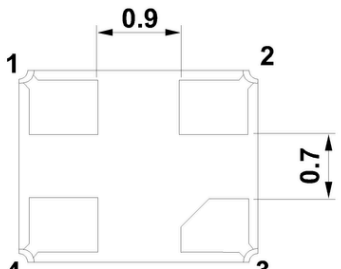
Top View



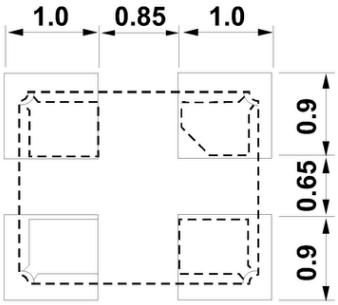
Top View Crystal Connection



Side View



Bottom View



Top View Suggested Layout